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J Biol Chem. 2003 Jul 25;278(30):27688-94. Epub 2003 May 16.

PMID: 12754201 [PubMed - indexed for MEDLINE]

3: Koldamova RP, Lefterov IM, Ikonomovic MD, Skoko J, Lefterov PI, Isanski BA, DeKosky ST, Lazo JS.

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4: 22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding cassette transporter A1 expression and cholesterol efflux in brain cells and decrease amyloid beta secretion.

J Biol Chem. 2003 Apr 11;278(15):13244-56. Epub 2003 Jan 22.

PMID: 12547833 [PubMed - indexed for MEDLINE]

5: Lam FC, Liu R, Lu P, Shapiro AB, Renoir JM, Sharon FJ, Reiner PB.

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6: beta-Amyloid efflux mediated by p-glycoprotein.

J Neurochem. 2001 Feb;76(4):1121-8.

PMID: 11181832 [PubMed - indexed for MEDLINE]

7: Masliah E, Alford M, Mallory M, Rockenstein E, Moechars D, Van Leuven F.

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8: Abnormal glutamate transport function in mutant amyloid precursor protein transgenic mice.

Exp Neurol. 2000 Jun;163(2):381-7.

PMID: 10833311 [PubMed - indexed for MEDLINE]

9: Masliah E, Mallory M, Alford M, Tanaka S, Hansen LA.

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10: Caspase dependent DNA fragmentation might be associated with excitotoxicity in Alzheimer disease.

J Neuropathol Exp Neurol. 1998 Nov;57(11):1041-52.

PMID: 9825941 [PubMed - indexed for MEDLINE]

11: Li S, Mallory M, Alford M, Tanaka S, Masliah E.

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12: Glutamate transporter alterations in Alzheimer disease are possibly associated with abnormal APP expression.

J Neuropathol Exp Neurol. 1997 Aug;56(8):901-11.

PMID: 9258260 [PubMed - indexed for MEDLINE]

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2: Karyekar CS, Fasano A, Raje S, Lu R, Dowling TC, Eddington ND.

Zonula occludens toxin increases the permeability of molecular weight markers and chemotherapeutic agents across the bovine brain microvessel endothelial cells.

J Pharm Sci. 2003 Feb;92(2):414-23.

PMID: 12532391 [PubMed - indexed for MEDLINE]

3: Chen ZS, Hopper-Borge E, Belinsky MG, Shchaveleva I, Kotova E, Kruh GD.

Characterization of the transport properties of human multidrug resistance protein 7 (MRP7, ABCC10).

Mol Pharmacol. 2003 Feb;63(2):351-8.

PMID: 12527806 [PubMed - indexed for MEDLINE]

4: Maher Doan KM, Humphreys JE, Webster LO, Wring SA, Shampine LJ, Serabjit-Singh CJ, Adkison KK, Polli JW.

Passive permeability and P-glycoprotein-mediated efflux differentiate central nervous system (CNS) and non-CNS marketed drugs.

J Pharmacol Exp Ther. 2002 Dec;303(3):1029-37.

PMID: 12438524 [PubMed - indexed for MEDLINE]

5: Maeng HJ, Yoo HJ, Kim JW, Song JS, Chung SJ, Shim CK.

P-glycoprotein-mediated transport of berberine across Caco-2 cell monolayers.

J Pharm Sci. 2002 Dec;91(12):2614-21.

PMID: 12434406 [PubMed - indexed for MEDLINE]

6: Deferme S, Mols R, Van Driessche W, Augustijns P.

Apricot extract inhibits the P-gp-mediated efflux of talinolol.

J Pharm Sci. 2002 Dec;91(12):2539-48.

PMID: 12434397 [PubMed - indexed for MEDLINE]

7: Chen W, Yang JZ, Andersen R, Nielsen LH, Borchardt RT.

Evaluation of the permeation characteristics of a model opioid peptide, H-Tyr-D-Ala-Gly-Phe-D-Leu-OH (DADLE), and its cyclic prodrugs across the blood-brain barrier using an in situ perfused rat brain model.

J Pharmacol Exp Ther. 2002 Nov;303(2):849-57.

PMID: 12388672 [PubMed - indexed for MEDLINE]

8: Gutmann H, Bruggisser R, Schaffner W, Bogman K, Botomino A, Drewe J.

- Transport of amentoflavone across the blood-brain barrier in vitro.**
Planta Med. 2002 Sep;68(9):804-7.
PMID: 12357391 [PubMed - indexed for MEDLINE]
- 9: Stephens RH, O'Neill CA, Bennett J, Humphrey M, Henry B, Rowland M, Warhurst G.** [Related Articles](#), [Links](#)
- Resolution of P-glycoprotein and non-P-glycoprotein effects on drug permeability using intestinal tissues from mdrla (-/-) mice.**
Br J Pharmacol. 2002 Apr;135(8):2038-46.
PMID: 11959808 [PubMed - indexed for MEDLINE]
- 10: Tamura S, Ohike A, Ibuki R, Amidon GL, Yamashita S.** [Related Articles](#), [Links](#)
- Tacrolimus is a class II low-solubility high-permeability drug: the effect of P-glycoprotein efflux on regional permeability of tacrolimus in rats.**
J Pharm Sci. 2002 Mar;91(3):719-29.
PMID: 11920757 [PubMed - indexed for MEDLINE]
- 11: Mehdi K, Thierie J, Penninckx MJ.** [Related Articles](#), [Links](#)
- gamma-Glutamyl transpeptidase in the yeast *Saccharomyces cerevisiae* and its role in the vacuolar transport and metabolism of glutathione.**
Biochem J. 2001 Nov 1;359(Pt 3):631-7.
PMID: 11672438 [PubMed - indexed for MEDLINE]
- 12: Polli JW, Wring SA, Humphreys JE, Huang L, Morgan JB, Webster LO, Serabjit-Singh CS.** [Related Articles](#), [Links](#)
- Rational use of in vitro P-glycoprotein assays in drug discovery.**
J Pharmacol Exp Ther. 2001 Nov;299(2):620-8.
PMID: 11602674 [PubMed - indexed for MEDLINE]
- 13: Braun A, Hammerle S, Suda K, Rothen-Rutishauser B, Gunthert M, Kramer SD, Wunderli-Allenspach H.** [Related Articles](#), [Links](#)
- Cell cultures as tools in biopharmacy.**
Eur J Pharm Sci. 2000 Oct;11 Suppl 2:S51-60. Review.
PMID: 11033427 [PubMed - indexed for MEDLINE]
- 14: Masliah E, Alföldi M, Mallory M, Rockenstein E, Moechars D, Van Leuven F.** [Related Articles](#), [Links](#)
- Abnormal glutamate transport function in mutant amyloid precursor protein transgenic mice.**
Exp Neurol. 2000 Jun;163(2):381-7.
PMID: 10833311 [PubMed - indexed for MEDLINE]
- 15: Walle UK, Walle T.** [Related Articles](#), [Links](#)
- Transport of the cooked-food mutagen 2-amino-1-methyl-6-phenylimidazo-[4,5-b]pyridine (PhIP) across the human intestinal Caco-2 cell monolayer: role of efflux pumps.**
Carcinogenesis. 1999 Nov;20(11):2153-7.
PMID: 10545419 [PubMed - indexed for MEDLINE]
- 16: Koide A, Perego M, Hoch JA.** [Related Articles](#), [Links](#)
- ScoC regulates peptide transport and sporulation initiation in *Bacillus subtilis*.**
J Bacteriol. 1999 Jul;181(13):4114-7.
PMID: 10383984 [PubMed - indexed for MEDLINE]
- 17: Masliah E, Alföldi M, Tanaka S, Hansen LA.** [Related Articles](#), [Links](#)
- Caspase dependent DNA fragmentation might be associated with excitotoxicity in Alzheimer disease.**
J Neuropathol Exp Neurol. 1998 Nov;57(11):1041-52.

PMID: 9825941 [PubMed - indexed for MEDLINE]

- 18: [Saha P, Yang JI, Lee VH.](#) [Related Articles](#), [Links](#)
- Existence of a p-glycoprotein drug efflux pump in cultured rabbit conjunctival epithelial cells.
Invest Ophthalmol Vis Sci. 1998 Jun;39(7):1221-6.
PMID: 9620082 [PubMed - indexed for MEDLINE]
- 19: [Li S, Mallory M, Alford M, Tanaka S, Masliah E.](#) [Related Articles](#), [Links](#)
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J Neuropathol Exp Neurol. 1997 Aug;56(8):901-11.
PMID: 9258260 [PubMed - indexed for MEDLINE]
- 20: [Loe DW, Almquist KC, Cole SP, Deeley RG.](#) [Related Articles](#), [Links](#)
- ATP-dependent 17 beta-estradiol 17-(beta-D-glucuronide) transport by multidrug resistance protein (MRP). Inhibition by cholestatic steroids.
J Biol Chem. 1996 Apr 19;271(16):9683-9.
PMID: 8621644 [PubMed - indexed for MEDLINE]
- 21: [Loe DW, Almquist KC, Deeley RG, Cole SP.](#) [Related Articles](#), [Links](#)
- Multidrug resistance protein (MRP)-mediated transport of leukotriene C4 and chemotherapeutic agents in membrane vesicles. Demonstration of glutathione-dependent vincristine transport.
J Biol Chem. 1996 Apr 19;271(16):9675-82.
PMID: 8621643 [PubMed - indexed for MEDLINE]

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=> D L3 1-41

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TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter;

protein expression regulation, vector expression in host cell, sense
and antisense oligonucleotide use in disease therapy and gene therapy

AU REINER P B; CONNOP B P; POLLARD M

PA ACTIVE PASS PHARM INC

PI WO 2002064781 22 Aug 2002

AI WO 2002-CA138 8 Feb 2002

PRAI US 2001-309256 31 Jul 2001; US 2001-267975 9 Feb 2001

DT Patent

LA English

OS WPI: 2002-667006 [71]

L3 ANSWER 2 OF 41 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2003:36899957 BIOTECHNO

TI Expression of liver X receptor target genes decreases cellular amyloid
.beta. peptide secretion

AU Sun Y.; Yao J.; Kim T.-W.; Tall A.R.

CS A.R. Tall, Department of Medicine, College of Physicians/Surgeons,
Columbia University, New York, NY 10032, United States.

E-mail: art1@columbia.edu

SO Journal of Biological Chemistry, (25 JUL 2003), 278/30 (27688-27694), 40
reference(s)

CODEN: JBCHA3 ISSN: 0021-9258

DT Journal; Article

CY United States

LA English

SL English

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AN 2003:36800094 BIOTECHNO

TI 22R-hydroxycholesterol and 9-cis-retinoic acid induce ATP-binding
cassette transporter A1 expression and cholesterol efflux in brain cells
and decrease amyloid .beta. secretion

AU Koldamova R.P.; Lefterov I.M.; Ikonomovic M.D.; Skoko J.; Lefterov P.I.;
Isanski B.A.; DeKosky S.T.; Lazo J.S.

CS R.P. Koldamova, Dept. of Pharmacology, E-1358 Biomedical Science Tower,
Univ. of Pittsburgh Sch. of Medicine, Pittsburgh, PA 15261, United
States.

E-mail: radak@pitt.edu

SO Journal of Biological Chemistry, (11 APR 2003), 278/15 (13244-13256), 63
reference(s)

CODEN: JBCHA3 ISSN: 0021-9258

DT Journal; Article

CY United States

LA English

SL English

L3 ANSWER 4 OF 41 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2002:34308472 BIOTECHNO

TI A low-density DNA microarray for analysis of markers in breast cancer

AU Lacroix M.; Zammatteo N.; Remacle J.; Leclercq G.

CS Prof. M. Lacroix, Lab. Jean-Claude Heuson De Cancerol., Institut Jules
Bordet, Universite Libre de Bruxelles, 127 Boulevard de Waterloo, B-1000
Bruxelles, Belgium.

E-mail: labo.cancerologie.mammaire@bordet.be

SO International Journal of Biological Markers, (2002), 17/1 (5-23), 32

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CODEN: IBMAEP ISSN: 0393-6155

Journal; General Review

DT

CY Italy

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AN 2002:937303 CAPLUS

DN 138:20443

TI Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes

IN Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin

PA Takara Bio Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 386 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | JP 2002355079 | A2 | 20021210 | JP 2002-69354 | 20020313 |
| PRAI | JP 2001-73183 | A | 20010314 | | |
| | JP 2001-74993 | A | 20010315 | | |
| | JP 2001-102519 | A | 20010330 | | |

L3 ANSWER 6 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:674679 CAPLUS

DN 137:212030

TI Protein and cDNA sequences of human ATP-binding cassette transporter ABCA9 and their uses in diagnosis and therapy

IN Chen, Hongyun; Le Bihan, Stephane; Nathwani, Parimal S.; Connop, Bruce P.

PA Active Pass Pharmaceuticals, Inc., Can.

SO U.S. Pat. Appl. Publ., 46 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | US 2002123106 | A1 | 20020905 | US 2002-90454 | 20020304 |
| | WO 2002070692 | A2 | 20020912 | WO 2002-CA275 | 20020304 |
| | WO 2002070692 | A3 | 20030410 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| PRAI | US 2001-273618P | P | 20010305 | | |
| | US 2001-309096P | P | 20010731 | | |
| | US 2001-315687P | P | 20010828 | | |

L3 ANSWER 7 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:241334 CAPLUS

DN 136:257275

TI Method and composition for modulating amyloidosis

IN Reiner, Peter B.; Lam, Fred Chiu-Lai

PA Can.

SO U.S. Pat. Appl. Publ., 38 pp., Cont.-in-part of U.S. Ser. No. 67,523, abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|---|----------|-----------------|----------|
| PI | US 2002037843 | A1 | 20020328 | US 1998-177413 | 19981023 |
| | US 6514686 | B2 | 20030204 | | |
| | WO 2000024390 | A1 | 20000504 | WO 1999-US23885 | 19991014 |
| | W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, | | | |

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
 MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
 SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1123090 A1 20010816 EP 1999-954894 19991014
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 JP 2002528411 T2 20020903 JP 2000-578000 19991014
 AU 762593 B2 20030626 AU 2000-11128 19991014
 US 6660725 B1 20031209 US 2000-643511 20000822
 PRAI US 1997-847616 B2 19970428
 US 1998-67523 B2 19980428
 US 1998-177413 A2 19981023
 WO 1999-US23885 W 19991014

L3 ANSWER 8 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:290832 CAPLUS

DN 132:318003

TI Method and composition for modulating amyloidosis

IN Reiner, Peter B.; Lam, Fred Chiu-lai

PA The University of British Columbia, Can.

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|--|----------|-----------------|----------|
| PI | WO 2000024390 | A1 | 20000504 | WO 1999-US23885 | 19991014 |
| | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM | RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| | US 2002037843 | A1 | 20020328 | US 1998-177413 | 19981023 |
| | US 6514686 | B2 | 20030204 | | |
| | EP 1123090 | A1 | 20010816 | EP 1999-954894 | 19991014 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO | | | | |
| | JP 2002528411 | T2 | 20020903 | JP 2000-578000 | 19991014 |
| | AU 762593 | B2 | 20030626 | AU 2000-11128 | 19991014 |
| PRAI | US 1998-177413 | A2 | 19981023 | | |
| | US 1997-847616 | B2 | 19970428 | | |
| | US 1998-67523 | B2 | 19980428 | | |
| | WO 1999-US23885 | W | 19991014 | | |

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 41 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:719248 CAPLUS

DN 130:510

TI Method and composition for modulating amyloidosis

IN Reiner, Peter B.; Lam, Fred Chiu-lai

PA The University of British Columbia, Can.

SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | WO 9848784 | A2 | 19981105 | WO 1998-US8463 | 19980428 |
| | WO 9848784 | A3 | 19990812 | | |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, ML, MR, NE, SN, TD, TG
AU 9872603 A1 19981124 AU 1998-72603 19980428
EP 979086 A2 20000216 EP 1998-919923 19980428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI
JP 2002504895 T2 20020212 JP 1998-547254 19980428
PRAI US 1997-847616 A2 19970428
WO 1998-US8463 W 19980428

L3 ANSWER 10 OF 41 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2003:44222 DISSABS Order Number: AAINQ75112
TI Regulation of beta-amyloid secretion in vitro through p-glycoprotein
AU Lam, Fred Chiu-Lai [Ph.D.]; Reiner, Peter B. [advisor]
CS The University of British Columbia (Canada) (2500)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 12B, p. 5698.
Order No.: AAINQ75112. 134 pages.
ISBN: 0-612-75112-0.

DT Dissertation
FS DAI
LA English

L3 ANSWER 11 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98349 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74352
DESC Human ***ABC*** ***transporter*** ABCG1 SEQ ID NO 10.

L3 ANSWER 12 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98348 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74351
DESC Human ***ABC*** ***transporter*** ABCG4 SEQ ID NO 9.

L3 ANSWER 13 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB98347 Protein DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR N-PSDB: ABV74350

DESC Human ***ABC*** ***transporter*** ABCA2 SEQ ID NO 8.

L3 ANSWER 14 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABB98346 Protein DGENE

TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -

IN Reiner P B; Connop B P; Pollard M

PA (ACTI-N) ACTIVE PASS PHARM INC.

PI WO 2002064781 A2 20020822

78p

AI WO 2002-CA138 20020208

PRAI US 2001-267975P 20010209

US 2001-309256P 20010731

DT Patent

LA English

OS 2002-667006 [71]

CR N-PSDB: ABV74349

DESC Human ***ABC*** ***transporter*** ABCB1 SEQ ID NO 7.

L3 ANSWER 15 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABB98345 Protein DGENE

TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -

IN Reiner P B; Connop B P; Pollard M

PA (ACTI-N) ACTIVE PASS PHARM INC.

PI WO 2002064781 A2 20020822

78p

AI WO 2002-CA138 20020208

PRAI US 2001-267975P 20010209

US 2001-309256P 20010731

DT Patent

LA English

OS 2002-667006 [71]

CR N-PSDB: ABV74348

DESC Human ***ABC*** ***transporter*** ABCB9 SEQ ID NO 6.

L3 ANSWER 16 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABV74352 DNA DGENE

TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -

IN Reiner P B; Connop B P; Pollard M

PA (ACTI-N) ACTIVE PASS PHARM INC.

PI WO 2002064781 A2 20020822

78p

AI WO 2002-CA138 20020208

PRAI US 2001-267975P 20010209

US 2001-309256P 20010731

DT Patent

LA English

OS 2002-667006 [71]

CR P-PSDB: ABB98349

DESC Human ***ABC*** ***transporter*** ABCG1 encoding polynucleotide
SEQ ID NO 5.

L3 ANSWER 17 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABV74351 DNA DGENE

TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -

IN Reiner P B; Connop B P; Pollard M

PA (ACTI-N) ACTIVE PASS PHARM INC.

PI WO 2002064781 A2 20020822

78p

AI WO 2002-CA138 20020208

PRAI US 2001-267975P 20010209

US 2001-309256P 20010731

DT Patent

LA English

OS 2002-667006 [71]

CR P-PSDB: ABB98348

DESC Human ***ABC*** ***transporter*** ABCG4 encoding polynucleotide
SEQ ID NO 4.

L3 ANSWER 18 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74350 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98347
DESC Human ***ABC*** ***transporter*** ABCA2 encoding polynucleotide
SEQ ID NO 3.

L3 ANSWER 19 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74349 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98346
DESC Human ***ABC*** ***transporter*** ABCB1 encoding polynucleotide
SEQ ID NO 2.

L3 ANSWER 20 OF 41 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABV74348 DNA DGENE
TI Regulating expression of ***amyloid*** ***precursor***
protein in a cell, useful in preventing or treating neurological
disease, e.g. Alzheimer's disease, comprises regulating the expression or
activity of an ATP-binding cassette transporter -
IN Reiner P B; Connop B P; Pollard M
PA (ACTI-N) ACTIVE PASS PHARM INC.
PI WO 2002064781 A2 20020822 78p
AI WO 2002-CA138 20020208
PRAI US 2001-267975P 20010209
US 2001-309256P 20010731
DT Patent
LA English
OS 2002-667006 [71]
CR P-PSDB: ABB98345
DESC Human ***ABC*** ***transporter*** ABCB9 encoding polynucleotide
SEQ ID NO 1.

L3 ANSWER 21 OF 41 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
AN 2002084819 EMBASE
TI Secretion, endocytosis, and protein quality control.
AU Pavelka M.; Roth J.
CS M. Pavelka, Inst. for Histology and Embryology, University of Vienna, 1090
Vienna, Austria. margit.pavelka@univie.ac.at
SO Histochemistry and Cell Biology, (2002) 117/2 (89).
ISSN: 0948-6143 CODEN: HCBIFP
CY Germany
DT Journal; Conference Article
FS 005 General Pathology and Pathological Anatomy
029 Clinical Biochemistry
LA English

L3 ANSWER 22 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522073 GenBank (R)
GenBank ACC. NO. (GBN): AX522073

GenBank VERSION (VER): AX522073.1 GI:24410963
 CAS REGISTRY NO. (RN): 467193-45-9
 SEQUENCE LENGTH (SQL): 3201
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 24 Oct 2002
 DEFINITION (DEF): Sequence 5 from Patent WO20064781.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 728 a 823 c 838 g 812 t
 REFERENCE:
 1
 AUTHOR (AU): Reiner, P.B.; Connop, B.P.; Pollard, M.
 TITLE (TI): Regulation of ***amyloid*** ***precursor***
 protein expression by modification of
 abc ***transporter*** expression or
 activity
 JOURNAL (so): Patent: WO 02064781-A 5 22-AUG-2002; Active Pass
 Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|-------------|----------|---|
| source | 1..3201 | /organism="Homo sapiens"
/db-xref="taxon:9606" |

SEQUENCE (SEQ):

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121 agcctacgag gggcaatcgt aaggcgaatG tcactgaaAG aacacaagtG tccttaaaca
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301 aagaatgcat tcatttattc aaaattgttt attgttagaAT aatcaggcat tgcgtggatg
361 aggtgggtgc cagcaacatg gaggccactg agacggacct gctgaatgga catctgaaaa
421 aagttagataa taacctcacg gaagcccAGC gcttctcTC cttgcctcg aggccagctg
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601 ccattatggg tccttccggg gcccggAAgt ccacgctgtat gaacatcCTG gctggataca
661 gggagacggg catgaaggGGG gccgtcCTCA tcaacggcCT gccccgggac ctgcgtgtc
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781 aggaggccat gatggtgtcG gcacatctgA agcttcagga gaaggatgaa ggcagaagg
841 aaatggtaa ggagatactg acacgcgtgg gttgtgtc ttgcggcaac acgcggaccg
901 ggagcctgtc aggtggtcAG cgcAACGCC tggccatcgc gctggagctg gtgaacaacc
961 ctccagtcat gttttcgtat gagcccACCA gcccctggA cagcgcctCC tgcttccagg
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1861 tgctgtttgc cgcgtggc accatgacct ccctggTggC acagtccTg ggcctgctga
1921 tcggagccgc ctccacgtcc ctgcaggTgg ccacttCgt gggcccAGTg acagccatcc
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2281 gggcagagag gtaaaACACc tgaatGCCAG gaaACAGGAa gattAGACAC tggccgAG
2341 ggcacgtcta gaatcggAGA ggcaAGCCTG tgcccGACCG acgacacAGA gactttCTG
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2461 ctgggttggA tcttctctcc attccccTTt cttagcttAA cttagGAAGAT gtaggcAGAT
2521 tgggtgtttt ttttttttca acatacAGAA tttaaatac cacaACTGGG gcaAGATTTA
2581 aagctgcaac acagctggTg atgagaggCT tccTcAGTCC agtcgtcCTC tagcAccAGG
2641 caccgtgggt cctggatGGG gaactgcaAG cagcctcA gctgatgCTG cgcAGTcAgA
2701 tgtctggTgg cagagAGTCC gagcatggAG cgttccATT ttatgactgt tggTTTcAc
2761 atttcatct ttcttaAGGTG tgcTCTTTTt ccaatgagAA gtcatttttG caagccAAA

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2821 gtgcataat cgccatttatt ttaagaaatt atacccccc agtacttgct gaagaatgat
 2881 tcagggtaaa tcacatactt tgtaggaga ggcgggggt ttaaccgagt caccctcg
 2941 gtctcataca tagacagcac ttgtgaaggaa ttgaatgcag gttccagggt gagggaagac
 3001 gtggacacca tctccactga gccatgcaga cattttaaa agctatacaa aaaattgtga
 3061 gaagacattt gccaactt tcaaagtctt tcttttcca cgtgcttctt atttaagcg
 3121 aaatatattt tttgttctt cctaaaaacg gaatttttt gcttttacc ctggaagaaa
 3181 tactcataat agtagtagta g

L3 ANSWER 23 OF 41

GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522072 GenBank (R)
GenBank ACC. NO. (GBN): AX522072
GenBank VERSION (VER): AX522072.1 GI:24410962
CAS REGISTRY NO. (RN): 467193-44-8
SEQUENCE LENGTH (SQL): 3455
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
DEFINITION (DEF): Sequence 4 from Patent WO02064781.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 639 a 1097 c 920 g 799 t
REFERENCE:
 1
AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
protein expression by modification of
abc ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 4 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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DIVISION CODE (CI): Patent
DATE (DATE): 24 Oct 2002
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AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
protein expression by modification of
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L3 ANSWER 25 OF 41 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AX522070 GenBank (R)
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DATE (DATE): 24 Oct 2002
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AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
TITLE (TI): Regulation of ***amyloid*** ***precursor***
protein expression by modification of
abc ***transporter*** expression or
activity
JOURNAL (SO): Patent: WO 02064781-A 2 22-AUG-2002; Active Pass
Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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LOCUS (LOC): AX522069 GenBank (R)
 GenBank ACC. NO. (GBN): AX522069
 GenBank VERSION (VER): AX522069.1 GI:24410959
 CAS REGISTRY NO. (RN): 467193-41-5
 SEQUENCE LENGTH (SQL): 3512
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 24 Oct 2002
 DEFINITION (DEF): Sequence 1 from Patent WO20064781.
 SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 638 a 1134 c 1044 g 696 t
 REFERENCE:
 AUTHOR (AU): Reiner,P.B.; Connop,B.P.; Pollard,M.
 TITLE (TI): Regulation of ***amyloid*** ***precursor***
 protein expression by modification of
 abc ***transporter*** expression or
 activity
 JOURNAL (SO): Patent: WO 02064781-A 1 22-AUG-2002; Active Pass
 Pharmaceuticals, Inc. (CA)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..3512 | /organism="Homo sapiens"
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L3 ANSWER 27 OF 41 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10225430 IFIPAT;IFIUDB;IFICDB
TI REGULATION OF ***AMYLOID*** ***PRECURSOR*** ***PROTEIN***
EXPRESSION BY MODIFICATION OF ***ABC*** ***TRANSPORTER***
EXPRESSION OR ACTIVITY

IN Connop Bruce P (CA); Pollard Michelle (CA); Reiner Peter B (CA)

PI US 2002169137 A1 20021114

AI US 2002-72621 20020208

PRAI US 2001-267975P 20010209 (Provisional)

US 2001-309256P 20010731 (Provisional)

FI US 2002169137 20021114

DT Utility; Patent Application - First Publication

FS CHEMICAL
APPLICATION

CLMN 19

GI 1 Figure(s).

FIG. 1 is a schematic diagram indicating the cleavage sites and membrane orientation of APP, resulting in the production of A beta 1-40 and A beta 1-42.

L3 ANSWER 28 OF 41 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:176605 PROMT

TITLE: Active Pass Pharmaceuticals Establishes Scientific Advisory Board.

SOURCE: Business Wire, (6 Mar 2000) pp. 225.

PUBLISHER: Business Wire

DOCUMENT TYPE: Newsletter

LANGUAGE: English

WORD COUNT: 682

FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 29 OF 41 USPATFULL on STN

AN 2004:64491 USPATFULL

TI Transmembrane proteins

IN Warren, Bridget A, Encinitas, CA, UNITED STATES

Xu, Yuming, Mountain View, CA, UNITED STATES

Yue, Henry, Sunnyvale, CA, UNITED STATES

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PI US 2004049010 A1 20040311
AI US 2003-415188 A1 20030423 (10)
WO 2001-US49670 20011026
DT Utility
FS APPLICATION
LN.CNT 7985
INCL INCLM: 530/350.000
INCLS: 536/023.500; 435/006.000; 435/069.100; 435/252.300; 435/320.100;
435/325.000
NCL NCLM: 530/350.000
NCLS: 536/023.500; 435/006.000; 435/069.100; 435/252.300; 435/320.100;
435/325.000
IC [7]
ICM: C07K014-705
ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06; C12N001-21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 30 OF 41 USPATFULL on STN
AN 2004:63735 USPATFULL
TI Molecules for diagnostics and therapeutics
IN Panzer, Scott R., Sunnyvale, CA, UNITED STATES
Spiro, Peter A., Palo Alto, CA, UNITED STATES
Banville, Steven C., Palo Alto, CA, UNITED STATES
Shah, Purvi, San Jose, CA, UNITED STATES
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Chang, Simon C, Mountain View, CA, UNITED STATES
Chen, Alice J., San Jose, CA, UNITED STATES
D'Sa, Steven A., East Palo, CA, UNITED STATES
Amshey, Stefan, San Francisco, CA, UNITED STATES
Dahl, Christopher E., Fremont, CA, UNITED STATES
Dam, Tam C., San Jose, CA, UNITED STATES
Daniels, Susan E., Palo Alto, CA, UNITED STATES
Dufour, Gerard E., Castro Valley, CA, UNITED STATES
Flores, Vincent, Union City, CA, UNITED STATES
Fong, Willy T., San Francisco, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
Jackson, Jennifer L., Mountain View, CA, UNITED STATES
Jones, Anissa L., San Jose, CA, UNITED STATES
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Russo, Frank D., Rossette Court Sunnyvale, CA, UNITED STATES
Stockdreher, Theresa K., Sunnyvale, CA, UNITED STATES
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Yap, Pierre E., Lafayette, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
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Cohen, Howard J., Palo Alto, CA, UNITED STATES
Hodgson, David M., Ann Arbor, MI, UNITED STATES
Lincoln, Stephen E., Redwood City, CA, UNITED STATES
Jackson, Stuart E., Mountain View, CA, UNITED STATES

PI US 2004048253 A1 20040311
AI US 2003-220120 A1 20030605 (10)
WO 2001-US6059 20010221
DT Utility
FS APPLICATION
LN.CNT 17872
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500

IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-47; A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 31 OF 41 USPATFULL on STN
AN 2004:18785 USPATFULL
TI Molecules for diagnostics and therapeutics
IN Hodgson, David M., Ann Arbor, MI, UNITED STATES
Lincoln, Stephen E., Potomac, MD, UNITED STATES
Russo, Frank D., Sunnyvale, CA, UNITED STATES
Albany, Peter A., Berkeley, CA, UNITED STATES

Banville, Steve C., Sunnyvale, CA, UNITED STATES
Bratcher, Shawn R., Mountain View, CA, UNITED STATES
Dufour, Gerard E., Castro Valley, CA, UNITED STATES
Cohen, Howard J., Palo Alto, CA, UNITED STATES
Rosen, Bruce H., Menlo Park, CA, UNITED STATES
Chalup, Michael S., Livingston, TX, UNITED STATES
Jackson, Jennifer L., Santa Cruz, CA, UNITED STATES
Jones, Anissa L., San Jose, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
Panzer, Scott R., Sunnyvale, CA, UNITED STATES
Roseberry Lincoln, Ann M., Potomac, MD, UNITED STATES
Wright, Rachel J., Merivale, NEW ZEALAND
Daniels, Susan E., Mountain View, CA, UNITED STATES
PA Incyte Corporation, Palo Alto, CA, UNITED STATES (U.S. corporation)
PI US 2004014087 A1 20040122
AI US 2003-378029 A1 20030228 (10)

RLI Continuation-in-part of Ser. No. US 2001-980285, filed on 30 Nov 2001,
PENDING A 371 of International Ser. No. WO 2000-US15404, filed on 31 May
2000, PENDING

PRAI US 1999-147500P 19990805 (60)
US 1999-147542P 19990805 (60)
US 1999-147541P 19990805 (60)
US 1999-147824P 19990805 (60)
US 1999-147547P 19990805 (60)
US 1999-147530P 19990805 (60)
US 1999-147536P 19990805 (60)
US 1999-147520P 19990805 (60)
US 1999-147527P 19990805 (60)
US 1999-147549P 19990805 (60)
US 1999-147377P 19990804 (60)
US 1999-147436P 19990804 (60)
US 1999-137411P 19990603 (60)
US 1999-137396P 19990603 (60)
US 1999-137417P 19990603 (60)
US 1999-137337P 19990603 (60)
US 1999-137173P 19990602 (60)
US 1999-137114P 19990602 (60)
US 1999-137259P 19990602 (60)
US 1999-137113P 19990602 (60)
US 1999-137260P 19990602 (60)
US 1999-137258P 19990602 (60)
US 1999-137109P 19990602 (60)
US 1999-137161P 19990601 (60)

DT Utility

FS APPLICATION

LN.CNT 14819

INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000;
530/388.260; 536/023.200; 800/008.000

NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/069.100; 435/183.000; 435/320.100; 435/325.000;
530/388.260; 536/023.200; 800/008.000

IC [7]

ICM: C12Q001-68
ICS: G01N033-53; A01K067-00; C07H021-04; C12N009-00; C12P021-02;
C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 32 OF 41 USPATFULL on STN

AN 2004:12959 USPATFULL

TI Methods and compositions for diagnosing or monitoring auto immune and
chronic inflammatory diseases

IN Wohlgemuth, Jay, Palo Alto, CA, UNITED STATES

Fry, Kirk, Palo Alto, CA, UNITED STATES

Woodward, Robert, Pleasanton, CA, UNITED STATES

Ly, Ngoc, San Bruno, CA, UNITED STATES

PI US 2004009479 A1 20040115

AI US 2002-131827 A1 20020424 (10)

RLI Continuation-in-part of Ser. No. US 2001-6290, filed on 22 oct 2001,
PENDING

PRAI US 2001-296764P 20010608 (60)

DT Utility

FS APPLICATION

LN.CNT 19677

INCL INCLM: 435/006.000

NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 33 OF 41 USPATFULL on STN
AN 2004:7326 USPATFULL
TI Markers of neuronal differentiation and morphogenesis
IN Loring, Jeanne F., Foster City, CA, UNITED STATES
Kaser, Matthew R., Castro Valley, CA, UNITED STATES
PI US 2004005559 A1 20040108
AI US 2002-62674 A1 20020130 (10)
RLI Continuation-in-part of Ser. No. US 2000-625102, filed on 24 Jul 2000,
ABANDONED
DT Utility
FS APPLICATION
LN.CNT 5725
INCL INCLM: 435/006.000
INCLS: 536/024.300
NCL NCLM: 435/006.000
NCLS: 536/024.300
IC [7]
ICM: C12Q001-68
ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 34 OF 41 USPATFULL on STN
AN 2003:194491 USPATFULL
TI Libraries of expressible gene sequences
IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003134302 A1 20030717
AI US 2002-210985 A1 20020801 (10)
RLI Continuation of Ser. No. US 2001-3021, filed on 14 Nov 2001, PENDING
Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, ABANDONED
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9810
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 35 OF 41 USPATFULL on STN
AN 2003:173922 USPATFULL
TI Intercellular delivery of a herpes simplex virus VP22 fusion protein
from cells infected with lentiviral vectors
IN Lai, Zhennan, N. Potomac, MD, UNITED STATES
Reiser, Jakob, New Orleans, LA, UNITED STATES
Brady, Roscoe O., Rockville, MD, UNITED STATES
PI US 2003119770 A1 20030626
AI US 2002-212634 A1 20020802 (10)
PRAI US 2001-310012P 20010802 (60)
DT Utility
FS APPLICATION
LN.CNT 2103
INCL INCLM: 514/044.000
INCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
NCL NCLM: 514/044.000
NCLS: 424/093.200; 435/456.000; 435/320.100; 435/235.100
IC [7]
ICM: A61K048-00
ICS: C12N007-00; C12N015-867
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 36 OF 41 USPATFULL on STN
AN 2003:106252 USPATFULL
TI Libraries of expressible gene sequences

IN Fernandez, Joseph Manuel, Carlsbad, CA, UNITED STATES
Heyman, John Alastair, Cardiff-by-the-Sea, CA, UNITED STATES
Hoeffler, James Paul, Carlsbad, CA, UNITED STATES
PA INVITROGEN CORPORATION (U.S. corporation)
PI US 2003073163 A1 20030417
AI US 2001-3021 A1 20011114 (10)
RLI Continuation of Ser. No. US 1999-285386, filed on 2 Apr 1999, PENDING
PRAI US 1998-96981P 19980818 (60)
US 1998-80626P 19980403 (60)
DT Utility
FS APPLICATION
LN.CNT 9813
INCL INCLM: 435/069.100
INCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000;
435/193.000
NCL NCLM: 435/069.100
NCLS: 435/183.000; 435/325.000; 435/320.100; 536/023.200; 435/006.000;
435/193.000
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12N009-00; C12N009-10; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 37 OF 41 USPATFULL on STN
AN 2003:57525 USPATFULL
TI Protein-protein interactions in adipocyte cells
IN Legrain, Pierre, Paris, FRANCE
Marullo, Stefano, Paris, FRANCE
Ralf, Jockers, Bures Sur Yvette, FRANCE
PI US 2003040089 A1 20030227
AI US 2002-38010 A1 20020102 (10)
PRAI US 2001-259377P 20010102 (60)
DT Utility
FS APPLICATION
LN.CNT 7738
INCL INCLM: 435/183.000
INCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200;
702/019.000
NCL NCLM: 435/183.000
NCLS: 435/069.100; 435/007.100; 435/325.000; 435/320.100; 536/023.200;
702/019.000
IC [7]
ICM: G01N033-53
ICS: G06F019-00; G01N033-48; G01N033-50; C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 38 OF 41 USPATFULL on STN
AN 2000:102075 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN Fowlkes, Dana Merriman, New York, NY, United States
Broach, Jim, New York, NY, United States
Manfredi, John, New York, NY, United States
Klein, Christine, New York, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, Palisades, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 6100042 20000808
AI US 1994-322137 19941013 (8)
RLI Continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6899
INCL INCLM: 435/007.100
INCLS: 435/006.000; 435/252.300; 435/483.000
NCL NCLM: 435/007.100
NCLS: 435/006.000; 435/252.300; 435/483.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53

EXF 435/6; 435/7.1; 435/172.3; 435/252.3; 435/483
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 41 USPATFULL on STN
AN 2000:9723 USPATFULL
TI Unique nucleotide and amino acid sequence and uses thereof
IN Summers, Max D., Bryan, TX, United States
Braunagel, Sharon C., Bryan, TX, United States
Hong, Tao, Bryan, TX, United States
PA The Texas A & M University System, College Station, TX, United States
(U.S. corporation)
PI US 6017734 20000125
AI US 1997-792832 19970130 (8)
RLI Continuation-in-part of Ser. No. US 1996-678435, filed on 3 Jul 1996,
now abandoned
PRAI US 1995-955P 19950707 (60)
DT Utility
FS Granted
LN.CNT 7846
INCL INCLM: 435/069.700
INCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100;
536/023.720; 536/024.100
NCL NCLM: 435/069.700
NCLS: 435/091.400; 435/320.100; 435/348.000; 435/365.000; 536/023.100;
536/023.720; 536/024.100
IC [6]
ICM: C07H021-00
ICS: C12N005-10; C12N015-33; C12N015-63
EXF 435/69.1; 435/69.7; 435/69.8; 435/172.1; 435/320.1; 435/325; 435/348;
435/365; 435/410; 435/91.4; 514/44; 536/23.1; 536/23.72; 536/24.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 40 OF 41 USPATFULL on STN
AN 1999:27415 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates
and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 5876951 19990302
AI US 1995-461598 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994
which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6645
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/257.3; 435/320.1; 435/4.1; 435/7.31;
435/254.11; 435/254.2; 435/254.21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 41 USPATFULL on STN
AN 1998:91815 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, United States
Broach, Jim, Princeton, NJ, United States
Manfredi, John, Ossining, NY, United States
Klein, Christine, Ossining, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, South Nyack, NY, United States

PA Trueheart, Joshua, South Nyack, NY, United States
Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 5789184 19980804
AI US 1995-464531 19950605 (8)
RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994
which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6731
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210; 435/DIG.007; 435/DIG.027
IC [6]
EXF ICM: G01N033-53
435/4; 435/7.1; 435/64; 435/252.3; 435/320.1; 435/254.21; 435/254.2;
435/254.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
STN INTERNATIONAL LOGOFF AT 09:26:28 ON 09 APR 2004